

AMENDMENT TO THE CLAIMS

Claims 1-65 (canceled)

66. (New) A process for producing plane structures, wherein the plane structures are paper, board or films, said process comprising:

- an internal treatment comprising the simultaneous introduction of a composition comprising at least one cationic starchy material and at least one sulfonated starchy material so that such composition is totally or substantially distributed throughout the mass constituting the resulting plane structure, and/or
- an external treatment comprising the simultaneous introduction of a composition comprising at least one cationic starchy material and at least one sulfonated starchy material so that such composition is totally or substantially applied or retained on at least one of the two faces of the resulting plane structure.

67. (New) The process as claimed in claim 66, wherein the composition is used in an amount of 2 to 12% expressed in total dry weight of cationic and sulfonated starchy materials based on the dry weight of the mass constituting the said structure.

68. (New) The process as claimed in claim 66, wherein the sulfonated starchy material is selected from the group consisting of sulfocarboxylated starches, sulfoalkoylated starches and sulfoalkenylated starches.

69. (New) The process as claimed in claim 68, wherein the sulfonated starchy material is selected from the group

consisting of monosulfocarboxylated and disulfocarboxylated starches.

70. (New) The process as claimed in claim 66, wherein the composition comprises a weight ratio of the cationic starchy material(s) to the sulfonated starchy material(s), of between 10/1 and 1/10.

71. (New) The process as claimed in claim 66, wherein the composition comprises a weight ratio of the cationic starchy material(s) to the sulfonated starchy material(s), of between 10/1 and 1/5.

72. (New) The process as claimed in claim 66, wherein the composition comprises a weight ratio of the cationic starchy material(s) to the sulfonated starchy material(s), of between 5/1 and 1/4.

73. (New) The process as claimed in claim 66, wherein the composition is in the form of a solid mixture, containing at least one granular cationic starchy material and at least one granular sulfonated starchy material.

74. (New) The process as claimed in claim 73, wherein the composition is in the form of a powdered material.

75. (New) The process as claimed in claim 66, wherein the composition is in the form of a suspension, containing at least one granular cationic starchy material and at least one granular sulfonated starchy material.

76. (New) The process as claimed in claim 75, wherein the composition is in the form of an aqueous suspension.

77. (New) The process as claimed in claim 66, wherein the composition is in the form of a size.

78. (New) The process as claimed in claim 77, wherein the composition is in the form of an aqueous size.

79. (New) The process as claimed in claim 78, wherein the composition comprises non-solubilized starchy structures.

80. (New) The process as claimed in claim 79, wherein the composition comprises granular structures, whether swollen or not, and/or complexes associating the cationic starchy material with the sulfonated starchy material.

81. (New) The process according to claim 66, wherein at least one of the cationic and sulfonated starchy materials consists of a cereal starch.

82. (New) The process according to claim 81, wherein the cereal starch is a corn starch.